

Claims

- [c1] 1.A method, comprising:
coupling a first connector to a second connector;
removing at least a portion of said second connector after said first and second connectors are coupled together to thereby define a recess in said second connector; and
coupling an anti-rotation member to at least one of said first and second connectors, wherein said anti-rotation member engages at least a portion of said first connector and is adapted to engage at least a portion of said recess in said second connector.
- [c2] 2.The method of claim 1, wherein coupling said first connector to said second connector comprises threadingly coupling said first connector to said second connector.
- [c3] 3.The method of claim 1, wherein removing at least a portion of said second connector comprises performing at least one of a drilling operation and a milling operation to remove said portion of said second connector.
- [c4] 4.The method of claim 1, wherein removing at least a portion of said second connector comprises removing at

least a portion of said second connector that is positioned within an area defined by an opening in said first connector.

- [c5] 5.The method of claim 1, wherein coupling said anti-rotation member to at least one of said first and second connectors comprises threadingly engaging said anti-rotation member with at least a portion of said first connector.
- [c6] 6.The method of claim 1, wherein coupling said anti-rotation member to at least one of said first and second connectors comprises threadingly engaging said anti-rotation member with at least a portion of said first connector and at least a portion of said second connector.
- [c7] 7.The method of claim 1, wherein said anti-rotation member has a generally cylindrical configuration.
- [c8] 8.The method of claim 1, wherein said anti-rotation member has external threads formed on at least a portion of an exterior surface of said anti-rotation member.
- [c9] 9.The method of claim 1, wherein said anti-rotation member comprises at least one of a self-tapping fastener or a threaded fastener.
- [c10] 10.The method of claim 1, further comprising, prior to

coupling said anti-rotation member to at least one of said first and second connectors, forming internal threads on a surface of said recess in said second connector.

[c11] 11.The method of claim 1, wherein said first connector is a pin connector and said second connector is a box connector.

[c12] 12.A method, comprising:
coupling a first connector to a second connector;
removing at least a portion of said second connector after said first and second connectors are coupled together to thereby define a recess in said second connector; and
threadingly coupling an anti-rotation member to said first and second connectors.

[c13] 13.The method of claim 12, wherein coupling said first connector to said second connector comprises threadingly coupling said first connector to said second connector.

[c14] 14.The method of claim 12, wherein removing at least a portion of said second connector comprises performing at least one of a drilling operation and a milling operation to remove said portion of said second connector.

[c15] 15.The method of claim 12, wherein said anti-rotation

member has external threads formed on at least a portion of an exterior surface of said anti-rotation member.

[c16] 16.The method of claim 12, wherein said anti-rotation member comprises at least one of a self-tapping fastener or a threaded fastener.

[c17] 17.The method of claim 12, further comprising, prior to threadingly coupling said anti-rotation member to said first and second connectors, forming internal threads on a surface of said recess in said second connector.

[c18] 18.The method of claim 12, wherein said first connector is a pin connector and said second connector is a box connector.

[c19] 19.A method, comprising:
coupling a first connector to a second connector, said first connector having an opening formed therein;
after said first and second connectors are coupled together, removing at least a portion of said second connector positioned within an area defined by said opening; and
inserting an anti-rotation member in said opening wherein said anti-rotation member engages at least a portion of said first connector and is adapted to engage at least a portion of said recess in said second connec-

tor.

- [c20] 20.The method of claim 19, wherein removing at least a portion of said second connector comprises performing at least one of a drilling operation and a milling operation to remove said portion of said second connector.
- [c21] 21.The method of claim 19, wherein inserting said anti-rotation member in said opening comprises threadingly engaging said anti-rotation member with at least a portion of said first connector.
- [c22] 22.The method of claim 19, wherein coupling said anti-rotation member to at least one of said first and second connectors comprises threadingly engaging said anti-rotation member with at least a portion of said first connector and at least a portion of said second connector.
- [c23] 23.The method of claim 19, further comprising, prior to inserting said anti-rotation member, forming internal threads on a surface of said recess formed in said second connector.
- [c24] 24.An apparatus, comprising:
 - a first connector;
 - a second connector, said second connector being coupled to said first connector; and
 - an anti-rotation member threadingly coupled to a

threaded opening defined in said first connector, said anti-rotation member adapted to engage at least a portion of said second connector.

[c25] 25.The apparatus of claim 24, wherein said first connector is a pin connector and said second connector is a box connector.

[c26] 26.The apparatus of claim 24, wherein said anti-rotation member comprises at least one of a self-tapping fastener and a threaded fastener.

[c27] 27.The apparatus of claim 24, wherein said threaded opening in said first connector is a threaded circular opening.

[c28] 28.The apparatus of claim 24, wherein said threaded opening in said first connector is threaded for less than an entirety of its depth.

[c29] 29.The apparatus of claim 24, wherein said threaded opening in said first connector is threaded throughout substantially an entirety of its depth.

[c30] 30.The apparatus of claim 24, wherein said anti-rotation member is adapted to engage a recess formed in said second connector.

[c31] 31.The apparatus of claim 30, wherein a surface of said

recess in said second connector is threaded and wherein said anti-rotation member is threadingly coupled to said threaded surface of said recess of said second connector and to said threaded opening in said first connector.

[c32] 32.The apparatus of claim 24, wherein said anti-rotation member is adapted to be coupled to said threaded opening by rotating said anti-rotation member within said threaded opening.

[c33] 33.The apparatus of claim 24, wherein an axis of rotation of said anti-rotation member is approximately normal to a centerline of said first connector.

[c34] 34.The apparatus of claim 24, wherein said anti-rotation member has a yield strength that is greater than a yield strength of said first and second connectors by at least 10 ksi.

[c35] 35.The apparatus of claim 24, wherein said first and second connectors are comprised of carbon steel having a yield strength of approximately 56 ksi and said anti-rotation member is comprised of a material having a yield strength of approximately 70 ksi.

[c36] 36.The apparatus of claim 24, wherein said second connector has a lip that extends at least partially into a groove formed in said first connector, and said anti-

rotation member engages a recess formed in said lip.

[c37] 37.The apparatus of claim 24, wherein said second connector has a lip that extends at least partially into a groove formed in said first connector, and said anti-rotation member engages a threaded surface of a recess formed in said lip.

[c38] 38.An apparatus, comprising:
a first connector having a threaded opening formed therein;
a second connector having a recess with a threaded surface formed therein, said second connector being coupled to said first connector; and
an anti-rotation member threadingly coupled to said threaded opening in said first connector and to said threaded surface of said recess in said second connector.

[c39] 39.The apparatus of claim 38, wherein said first connector is a pin connector and said second connector is a box connector.

[c40] 40.The apparatus of claim 38, wherein said anti-rotation member comprises at least one of a self-tapping fastener and a threaded fastener.

[c41] 41.The apparatus of claim 38, wherein said threaded opening in said first connector is a threaded circular

opening.

[c42] 42.The apparatus of claim 38, wherein said threaded opening in said first connector is threaded for less than an entirety of its depth.

[c43] 43.The apparatus of claim 38, wherein said threaded opening in said first connector is threaded throughout substantially an entirety of its depth.

[c44] 44.The apparatus of claim 38, wherein an axis of rotation of said anti-rotation member is approximately normal to a centerline of said first connector.